

Alaska Clean Water Fund

STATE WASTEWATER LOAN PROGRAM

INTENDED USE PLAN

FINAL

FFY 03 Grant Allotment

Fiscal Year 2004

**Submitted to the U.S. Environmental Protection Agency
by**

**Alaska Department of Environmental Conservation
Division of Facility Construction and Operation**

August, 2003

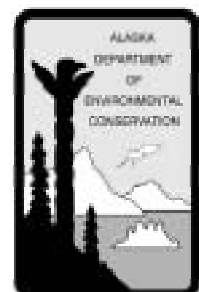


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Alaska Clean Water Fund

State Wastewater Loan Program

Intended Use Plan

August 2003

PROGRAM OVERVIEW

The purpose of the Alaska Clean Water Fund (ACWF) is to make low interest loans available to Alaskan municipalities and other qualified entities for financing wastewater and water quality related projects.

Loans can finance up to 100 percent of a project's eligible costs for planning, design and construction of publicly owned facilities. In addition, loans can serve as local match for the Alaska Department of Environmental Conservation (ADEC) Municipal Water, Sewer and Solid Waste Matching Grants Program or most other federal or state funding sources.

A range of projects and associated costs are eligible for funding under the ADEC loan programs, as described in Title 18, Chapter 76 of the Alaska Administrative Code.

Examples of Improvements Fundable under ACWF

- Wastewater Treatment Facilities
- Sewer Interceptor and Collection Systems
- Storm Water Collection and Treatment
- Nonpoint Source Prevention and Restoration Projects
- Estuary Enhancement Projects

The ADEC Municipal Grants and Loans Section (MG&L), in the Division of Facility Construction and Operation, is responsible for administering these loans. The loan program is regulated by the code mentioned above and is audited under the State of Alaska's Single Audit Act. An individual audit of the program is also conducted each year.

The purpose of this Intended Use Plan is to describe how ADEC plans to spend the monies of the Alaska Clean Water Fund and how the expenditures meet the goals of the overall program. The funds available for state fiscal year 2004 total \$44.5 million dollars.

PROGRAM GOALS

The ADEC administers the Alaska Clean Water Fund, guided by the following long and short term goals:

Long Term

1. Protect public health and the waters of the State by offering financial assistance for the planning, design and construction of eligible projects.
2. Assist local communities as they strive to achieve and maintain statewide compliance with federal and state water quality standards.
3. Facilitate the construction of projects by providing a long term source of financing to assist communities in attaining and maintaining compliance with the Clean Water Act as amended by the Water Quality Act Amendments of 1987, PL 100-4.

Short Term

1. Provide low interest loans of \$44.5 million dollars to communities for eligible wastewater treatment or nonpoint source pollution projects.
2. Complete the next Capitalization Grant Agreement with the U.S. Environmental Protection Agency for Alaska's FFY 03 Title VI allocation.

LOAN FUND PROCESS

Annually ADEC identifies funding sources, selects projects and distributes the funds to projects according to approved criteria and federal and state regulations.

Funding Sources (As of May 15, 2003)

For this Intended Use Plan, ADEC has several sources of funds available to support the proposed project financing and program administrative costs. The table on the following page summarizes the monies contributed and the commitments and expenditures made since the inception of the program. The difference between the funds available and program commitments is the amount of funds available to use during this grant cycle. The following describes more fully each item in the table:

- The total amount of federal monies granted to the program up until this application cycle is \$121,846,862.
- The federal grant request to EPA this year will be for \$7,907,000, matched by state funds of \$1,581,400.
- State appropriations of \$19,807,300 and bond receipts of \$4,808,580 were secured earlier.
- Other significant funding sources include investment interest earnings of \$15,800,106, principal repayments on loans of \$31,465,376 and interest repayments of \$13,699,417.
- Investment earnings and principal and interest payments of \$11,214,154 are expected to be paid into the Fund during SFY 04.
- The total amount of loan commitments made by the program to date is \$171,992,674. This amount accounts for deobligated funds from those projects that have completed construction.
- The program has set aside a total of \$5,190,154 to pay for the costs of administering the program.

- Previous bonding and transactions costs totalling \$4,854,879 include administrative, bond sale and interest costs resulting from the sale of bonds that were incurred in previous years.
- The bonding and transaction costs to be paid are anticipated administrative, bond sale and interest costs that will result from the sale of bonds later in the current year. A total of \$1,593,140 in these costs has been committed.

A total of \$44.5 million dollars will be available upon award of the federal fiscal year 2003 grant. The \$44.5 million will be used to fund projects listed on the ACWF Funding Priority List for Point Source projects (Appendix Ia) and NonPoint Source projects (Appendix Ib).

Alaska Clean Water Fund

Funding Sources:

Federal Grants		\$ 121,846,862
FFY 03 Federal Allocation		7,907,000
FFY 03 State Match Appropriation Bond Receipts		1,581,400
State Match - General Funds		19,807,300
State Match - Bond Proceeds		4,808,580
Investment Interest		15,800,106
Repayment		
Loan Principal	31,465,316	
Loan Interest	13,699,417	45,164,733
Projected 2004 Repayments and Investment Earnings		11,214,154
Funds Available		\$ 228,130,135

Program Commitments

Loan Commitments (net of deobligations)		\$ 171,992,674
Administrative Set-Aside		5,190,154
Previous Bonding and Transaction Costs		4,854,879
Bonding and Transaction Costs to Be Paid		1,593,400
Total Program Commitments		\$ 183,631,107

Net Amount Available for Loans

	\$ 44,499,028
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Selection of Projects

1. Identification of Priority Projects

On March 13, 2003 questionnaires were sent to each eligible Alaskan municipality and borough. The purpose of the questionnaires was to collect information about public wastewater and nonpoint source projects which the communities wished to have considered for loan funding.

Using information from the questionnaires, several groups within ADEC worked together to evaluate the projects. Appendix IIa and IIb document the criteria used to assess the projects. Those criteria addressed these topics:

Point Source Priority Criteria Summary

- Public Health
- Water Quality
- Receiving Water Usage
- Project Continuity
- Readiness to Proceed
- Ability to Repay

NonPoint Source Priority Criteria Summary

- Prevention
- Restoration
- Stewardship
- Project Continuity
- Funding Coordination

These assessments integrate the various water quality demands and needs of the State, assigning the highest priority to those projects that addressed the greatest public health and/or water quality threats.

After all projects were evaluated, they were ranked according to their scores. Appendix IIIa contains a detailed listing of Point Source projects and scores. Appendix IIIb contains a detailed listing of NonPoint Source projects and scores. Using the project scores from the list, a priority list was prepared which included those projects with the highest rank, limited by the amount of funding expected to be available.

For the first time this year up to 20% of the amount available to loan (approximately \$8.9 million) was earmarked for projects that address nonpoint source water pollution. We received nine proposals for nonpoint source projects totalling \$8,900,000. Subtracting this amount from the total available amount of \$44,499,028 leaves \$35,599,028 to fund point source projects. Funding down the Point Source priority list to the Anchorage SCADA-Sewer project will require \$38,557,110, which exceeds the available amount by \$2,958,082. To reduce the total amount of loans to the amount available, the Department will negotiate a decrease in the amount of one of the loans.

2. Public Review and Comments

The draft IUP, including the ranked priority lists, was mailed to all eligible entities and other interested parties on our mailing list. The draft IUP was also placed on our website. A thirty-day public comment period followed. Public notices were published in newspapers in Anchorage, Fairbanks and Juneau. Comments were solicited during this public notice period. Appendix V is reserved for these comments and the ADEC responses.

Distribution of Funding

1. Projects to be Funded

Following consideration of all public comments received, ADEC reevaluated the project ranking and prepared a final list of projects. The funding portion of the list (Appendix Ia and Ib) represents those projects, ranked by score, for which funding is expected to be available. The planning portion of the list (Appendix Ic) represents those projects whose rank falls below the funding portion of the list, and for which funding is not expected to be available. Project descriptions for all projects are presented in Appendices VIa and VIb.

2. Project Information

Appendices VIIa and VIIb contain estimated dates for binding loan commitments, construction starts and the initiation of operation for projects anticipated to be funded by this intended use plan and associated loan amounts. Appendices VIIIa and VIIIb show loan amounts associated with binding commitment dates for Point Source and NonPoint Source projects. Appendix IX contains further project information which has been requested by EPA.

3. Disbursements

The original estimated disbursement schedule for Point Source loan projects is presented in Appendix Xa. The estimated disbursement schedule for NonPoint Source loan projects is presented in Appendix Xb. These schedules are based upon target dates for binding commitments, beginning construction and initiating operations contained in Appendices VIIa and VIIb.

4. Federal Payments

Alaska's proposed payment schedule for the FFY 03 grant allotment is shown below. This schedule was developed based on projected needs for project construction and execution of loan agreements.

Proposed Federal Payment Schedule FFY 03 Grant

FFY 04	FFY 04	FFY 04	FFY 04
1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
\$1,000,000	\$1,000,000	\$2,000,000	\$3,907,000

Note: The federal payment schedule above was determined as follows:

1. The binding commitment schedule was reviewed. Estimated binding commitment amounts and estimated state administrative payment requests were added together for each federal fiscal year quarter in which they are scheduled to be paid, resulting in a total quarterly cash requirement.
2. The total quarterly cash requirement amounts were multiplied by 83 $\frac{1}{3}$ percent in order to find the federal share of each quarterly binding commitment (in accordance with federal regulation 40 CFR 35.3155 (d)(5)). These numbers are reflected in the federal payment schedule shown above.

5. Bypass of Projects

The federal government provides funding for the Alaska Clean Water Fund (ACWF). As one of the conditions of state acceptance of the federal funds, we must agree to execute loan agreements within a certain time. Failure to execute these agreements on time will cause the state to lose some of the funding. If the ACWF would potentially lose federal monies due to an inability to enter into a timely loan, funding will be made available for the next project on the list which is ready to proceed.

If a project on the fundable portion of the list has not turned in a completed loan application package or has not completed the state environmental review process, it may be bypassed for another project on the priority list that is ready to proceed, down to and including planning list projects. If any project cannot reasonably be expected to be ready to make a commitment to accept a loan, the next project which is ready to make a commitment to accept a loan will be offered loan funding.

If any projects are equal in scoring, the following sequence will be used to differentiate between them:

1. If a project requires an earlier construction date, as a result of a compliance agreement or other legal order from EPA or ADEC, that project will be placed ahead of the others.
2. A project with an earlier anticipated date for submitting a completed application will be moved forward.
3. If a project is already under construction and the environmental review has been completed, that project will be moved ahead.
4. If the projects are from the same city, the city may request that one be placed ahead of the other.
5. The individual scores from each criteria category will be compared until a difference is found. The project with the highest score in the individual category will be placed first.

The criteria system and the priority lists are subject to annual public review and comment. The public review period is announced through individual mailings to communities and public notices through newspapers with statewide circulation.

ADDITIONAL LOAN FUND POLICIES

Assurances

1. Binding Commitments

ADEC will enter into loan agreements for 120 percent of the federal capitalization grant within one year of receipt of each payment from the federal government, as required by federal law.

2. Expeditious and Timely Expenditure

All funds will be expended or obligated in a timely and expeditious manner. First priority for all loans will be to assure compliance with the Clean Water Act as amended by the Water Quality Act of 1987.

3. First Use Requirement

Alaska communities do not appear on the National Municipality Policy Non-Compliance List. Therefore, the “first use” requirement of 40 CFR 35.3135 (e) has been satisfied.

4. Title II Equivalency Compliance

The Clean Water Act and subsequent EPA regulations instituted the CWSRF Loan Program with numerous federal laws and authorities (Appendix X). ADEC requires compliance with these federal laws and authorities on all ACWF loan projects.

5. Environmental Review

All projects receiving Alaska Clean Water Fund loans will be subject to the EPA approved Environmental Review Procedures of the Alaska Clean Water Fund.

Administrative Uses

ADEC is allowed to use up to four percent of the federal grant amount for administrative purposes (40 CFR 35.3120 (g)). In SFY 04, ADEC is requesting \$472,500 to be used in administering the program. This request will bring the total administrative funds requested to \$4,541,033. As the table below shows, ADEC has not yet requested the allowable amount of \$5,190,154 for administering the program. A total of \$649,121 is being reserved for future administrative costs.

Calculation of Administrative Reserves FFY 03 Grant

Federal grant prior to FFY 03	\$	121,846,862
FFY 03 request		7,907,000
Total federal grant requested	\$	129,753,862
Allowable administrative amount = 4% of \$129,753,862	\$	5,190,154
Administrative amount requested prior to SFY 03	\$	4,068,533
SFY 04 administrative amount requested		472,500
Total administrative funds requested	\$	4,541,033
Allowable administrative amount		
- Total administrative funds requested		
Amount to be reserved	\$	649,121

ADEC recently amended the SRF regulations to initiate a fee structure that will eventually supplant the use of the four percent administrative set-aside. Under EPA guidance, the fee we collect can only be used for administrative purposes to help manage the program. Effective December 29, 2000, the program has been collecting fees on scheduled repayments. As of May 2003, the program has collected \$839,961.

Loan Terms

Loans with a contract term of five to 20 years are assessed an effective interest rate of 2.5 percent. Loans with a contract term of less than five years can be assessed an effective interest rate of one percent.

Capitalization Requirements

In accordance with Title VI, Section 602(b) of the Clean Water Act as amended by the Water Quality Act of 1987, PL 100-4, Alaska will accept capitalization grants in accordance with a schedule jointly agreed upon by ADEC and EPA.

A required state match equaling 20 percent of the federal capitalization grant (\$1,581,400) will be deposited into the fund. Each loan payment made from the fund will follow the EPA rules of proportionality. State monies, which have been deposited into the Alaska Clean Water Fund, will be added to the cumulative EPA Capitalization Grant amounts and then divided by the cumulative State appropriations deposited into the fund to determine the State's proportional share of each loan payment made to a community.

ADEC will provide the required state match from short term bonding this year. By using a short term bonding technique, ADEC uses, as collateral, the interest income of the Fund to acquire bond receipts and save approximately \$1.6 million in general funds from the State budget. This process effectively substitutes bond receipts for interest income. ADEC is required to document that sufficient interest income exists in an amount equal to or greater than the proposed bonding amount and that this process will still allow the Fund to grow in perpetuity. ADEC's program audits have documented the availability of the required amount of interest.

CONTENT OF APPENDICES

Appendix Ia. Point Source Funding Priority List

Ib. NonPoint Project Funding Priority List

Ic. Point Source Planning Priority List

Appendix IIa. Point Source Priority Criteria

IIb. NonPoint Source Priority Criteria

Appendix IIIa. Scoring Distribution of Point Source Projects

IIIb. Scoring Distribution of NonPoint Source Projects

Appendix IVa. Scoring Distribution of Point Source Projects
(Sorted Alphabetically)

IVb. Scoring Distribution of NonPoint Source Projects
(Sorted Alphabetically)

Appendix V. Public Comments

Appendix VIa. Point Source Project Descriptions

VIb. NonPoint Source Project Descriptions

Appendix VIIa. Schedule of Binding Commitments - Point Source Projects
(Estimated Construction and Operation Dates)

VIIb. Schedule of Binding Commitments - NonPoint Source Projects
(Estimated Construction and Operation Dates)

Appendix VIIIa. Schedule of Binding Commitments - Point Source Projects
(Including Loan Amounts)

VIIIb. Schedule of Binding Commitments - NonPoint Source Projects
(Including Loan Amounts)

Appendix IX. Project Specific Information

Appendix Xa. Estimated Disbursement Schedule for Point Source Projects

Xb. Estimated Disbursement Schedule for NonPoint Source Projects

Appendix XI. Federal “Cross-Cutting” Authorities

APPENDIX Ia

ALASKA CLEAN WATER FUND

Point Source Funding Priority List

Appendix Ia

**ALASKA CLEAN WATER FUND
Point Source Funding Priority List
Fiscal Year 2004**

Community	Project Title	Score	Amount Requested	Cumulative Amount Requested
Anchorage	Old Glenn Highway Interceptor	610	\$ 1,000,000	\$ 1,000,000
Juneau	North Douglas Sewer Expansion Phase II	600	605,000	1,605,000
Anchorage	C-5-7 Sewer Improvements	590	1,000,000	2,605,000
Valdez	Alpine Woods Subdivision Sewer Improvements	515	7,660,000	10,265,000
Cordova	Wastewater Treatment Plant Upgrade	510	805,860	11,070,860
Cordova	Wastewater Treatment Plant Upgrade, Phase I	485	840,000	11,910,860
Valdez	Ocean Outfall	480	1,818,000	13,728,860
Cordova	Wastewater Treatment Plant Upgrade, Phase II	475	500,000	14,228,860
Ketchikan	Wastewater Collection System Improvements	470	5,500,000	19,728,860
Anchorage	Pump Station 10 Upgrade	465	1,000,000	20,728,860
Juneau	Bayview Subdivision Sewer System Improvements	455	450,000	21,178,860
Anchorage	Asplund WWTF Process Improvements	385	4,200,000	25,378,860
Anchorage	Pump Station 2 Upgrade (Chester Creek)	375	1,000,000	26,378,860
Wasilla	Sewer Improvements, Phase II	370	405,000	26,783,860
Anchorage	C-2 (A, B) Sewer Improvements	370	300,000	27,083,860
Anchorage	Oregon and Lois @ 36th Sewer	370	175,000	27,258,860
Anchorage	Wyoming and Lois @ 36th Sewer	370	175,000	27,433,860
Palmer	Southwest Sanitary Sewer Interceptor	370	2,160,000	29,593,860
North Pole	Badger-Morning Star Area Sewer System	355	732,900	30,326,760
North Pole	Baker/North Star Sewer Collection	355	1,500,000	31,826,760
Seward	Forest Acres Sewer Extension	349	190,000	32,016,760
Nome	Sewer Improvements, Phase II	345	1,000,000	33,016,760
Juneau	WW Hospital Drive Lift Station Replacement	340	500,000	33,516,760
Juneau	Eaglecrest On-Site Sewer System Improvements	325	100,000	33,616,760
Seward	Airport Sewer System	325	450,000	34,066,760
Soldotna	Kalifornsky Beach Road Sewer	325	210,350	34,277,110
King Cove	Community Sewer System Upgrade	250	100,000	34,377,110
Sand Point	Sewer Vactor Truck	225	180,000	34,557,110
Anchorage	SCADA - Sewer	195	4,000,000	38,557,110

APPENDIX Ib

ALASKA CLEAN WATER FUND

NonPoint Project Funding Priority List

Appendix Ib

ALASKA CLEAN WATER FUND
NonPoint Source Funding Priority List
Fiscal Year 2004

Community	Project Title	Score	Amount Requested	Cumulative Amount Requested
Wasilla	Storm Water Pumping	155	\$ 271,485	\$ 271,485
Sitka	Swan Lake Watershed Recovery	145	30,000	301,485
Wasilla	Vactor Truck (Storm Water)	140	250,000	551,485
Wrangell	Solid Waste Improvements	110	854,000	1,405,485
Kenai	Maintenance Shop Groundwater Remediation	105	1,000,000	2,405,485
Anchorage	Cell 7 Landfill Construction	95	5,704,515	8,110,000
Anchorage	Design of Landfill Cell 7	95	525,000	8,635,000
King Cove	Landfill Closure (traditional)	95	100,000	8,735,000
Valdez	Small Boat Harbor Bilgewater/Waste Oil	75	165,000	8,900,000

APPENDIX Ic

ALASKA CLEAN WATER FUND

Point Source Planning Priority List

Appendix Ic**ALASKA CLEAN WATER FUND
Point Source Planning Priority List
Fiscal Year 2004**

Community	Project Title	Score	Amount	Cumulative
			Requested	Amount Requested
Anchorage	Sewer District Improvements	170	200,000	38,757,110
Soldotna	Funny River Sewer Mainline Extension	170	865,340	39,622,450
Palmer	Sludge Management Project	170	750,000	40,372,450
Anchorage	Vehicles - Sewer	150	400,000	40,772,450
Juneau	Wastewater Improvements/Mendenhall ABF	145	1,467,000	42,239,450
Juneau	WW J-D Plant Improvements	140	380,000	42,619,450
Soldotna	Sewer Utilities Master Plan	140	122,500	42,741,950
Soldotna	Riverside Drive Sewer Main	125	536,600	43,278,550
Valdez	GIS Mapping/Service Locations	125	385,000	43,663,550
North Pole	WWTP Sludge Project	120	1,260,000	44,923,550
Homer	Service Sewer Extension	120	3,926,185	48,849,735

APPENDIX IIa

ALASKA CLEAN WATER FUND

Point Source Priority Criteria

Appendix IIa

ALASKA CLEAN WATER FUND

Priority Criteria

Alaska has established the following criteria to prioritize point source wastewater projects seeking funding from the Alaska Clean Water Fund, the Clean Water Act State Revolving Loan Fund. These criteria rank point source projects (CWA Sec. 212) by their relative threats to public health and the environment. The results of the most recent 303(d) list priorities will be utilized for identifying important water quality issues.

PUBLIC HEALTH CONSIDERATIONS *(only one)*

	Assigned Points
1) A human disease event exists, documented by a recognized public health authority. Construction of this project will correct the problem.	350
2) Current conditions are severe enough that a disease event can occur, but has not been reported. This project will resolve the problem.	300
3) Conditions are not probable that a disease event will occur. This project will minimize potential future public health problems.	200

WATER QUALITY CONSIDERATIONS *(only one)*

1) This project will correct a documented pollution event in a:	
303 d listed High Priority Water	250
303 d listed Medium Priority Water	240
303 d listed Low Priority Water	230
Non-303 d listed Water	220
2) Current conditions are severe enough that a pollution event can occur, but has not been reported yet. This project will correct the problem in a:	
303 d listed High Priority Water	230
303 d listed Medium Priority Water	220
303 d listed Low Priority Water	210
Non-303 d listed Water	200
3) This project will minimize the potential for future pollution events.	100

RECEIVING WATER (*only one*)

This project addresses adverse impacts to:

- | | |
|--|----|
| 1) Freshwater/Groundwater | |
| drinking or food processing | 10 |
| propagation of fish, shellfish, etc., as a food source | 5 |
| water contact recreation | 2 |
| 2) Marine Water/Estuaries | |
| propagation of fish, shellfish, etc., as a food source | 5 |
| water contact recreation | 2 |

LOCAL INITIATIVE (*only one*)

- | | |
|--|----|
| 1) This project will complete a project that has already begun construction and has completed an environmental review. | 50 |
| 2) This project has completed the facility planning process. | 40 |
| 3) Engineering plans have been prepared. | 30 |
| 4) A feasibility study for this project has been prepared. | 20 |

FUNDING COORDINATION (*only one*)

- | | |
|---|----|
| 1) This project will use other state, federal or local funds. | 15 |
|---|----|

ABILITY TO REPAY (*both possible*)

- | | |
|---|----|
| 1) A viable repayment source has been identified | 10 |
| 2) Financial instruments, ordinances, agreement, etc., are in place to assure repayment | 10 |

AFFORDABILITY CRITERIA (*only one*)

- | | | |
|---|-------------|----|
| 1) Loan cost to population benefiting ratio | | |
| a) Cost/population ratio | 0 - 400 | 15 |
| b) Cost/population ratio | 401 - 4,000 | 10 |
| c) Cost/population ratio | > 4,001 | 2 |

APPENDIX IIb

ALASKA CLEAN WATER FUND

NonPoint Source Priority Criteria

Appendix IIb

ALASKA CLEAN WATER FUND **Priority Criteria for NonPoint Source Projects**

Alaska has established the following criteria to prioritize NonPoint Source projects seeking funding from the Alaska Clean Water Fund, the Clean Water Act State Revolving Loan Fund. These criteria allow traditional nonpoint water quality projects (CWA Sec. 319) to be considered for funding. These criteria address and rank projects by their relative threats to water quality and local initiative. The results of the most recent 303(d) list priorities will be utilized for identifying water quality issues considered for nonpoint source SRF ranking process.

WATER QUALITY CONSIDERATIONS (only one)

Assigned
Points

PREVENTION

This project's main emphasis is prevention of nonpoint source pollution in a:

303 d listed High Priority Water	100
303 d listed Medium Priority Water	90
303 d listed Low Priority Water	80
Non-303 d listed Water	60

RESTORATION

The proposed project's goal is to restore water quality in a water body identified as impaired or polluted in the most recent 303d list. This project implements a TMDL or load allocation or otherwise addresses a water quality problem that has resulted in a water body designed as impaired in a:

303 d listed High Priority Water	70
303 d listed Medium Priority Water	60
303 d listed Low Priority Water	50

STEWARDSHIP

The proposed project will improve or maintain water quality in a:

303 d listed High Priority Water	50
303 d listed Medium Priority Water	40
303 d listed Low Priority Water	30
Non-303 d listed Water	20

<u>LOCAL INITIATIVE CONSIDERATIONS (only one)</u>	Assigned Points
A TMDL, a corrective plan, or a 319 grant application has been approved.	25
A draft TMDL or corrective action plan has been developed, or a draft 319 grant application has been prepared.	20
An environmental review has been performed for the proposed project.	15
A feasibility study that demonstrates the need and costs for the project has been completed.	10
A draft feasibility study has been completed or monitoring for the project has begun	5
<u>FUNDING COORDINATION (both possible)</u>	
This project will utilize other federal or state funds.	10
This project will utilize local funds or local in-kind contributions.	5
<u>NPS STRATEGY IDENTIFIED PRIORITIES (only one)</u>	
Any storm water project.	40
Any petroleum contamination/restoration	30
Any community landfills	20
All other identified in NPSS	10

APPENDIX IIIa

ALASKA CLEAN WATER FUND

Scoring Distribution of Point Source Projects

Appendix IIIa

ALASKA CLEAN WATER FUND
Scoring Distribution of Point Source Projects
Fiscal Year 2004
(Sorted by Total Score)

		Water Quality Considerations									Total Score
		Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	
Anchorage	Old Glenn Highway Interceptor	300	220	0	0	10	40	15	10	15	610
Juneau	North Douglas Sewer Expansion Phase II	300	220	0	0	5	50	15	0	10	600
Anchorage	C-5-7 Sewer Improvements	300	0	220	0	10	20	15	10	15	590
Valdez	Alpine Woods Sewer	300	0	200	0	10	0	0	0	5	515
Cordova	Wastewater Treatment Plant Upgrade	200	220	0	0	5	50	15	10	10	510
Cordova	Wastewater Treatment Upgrade, Phase II	200	220	0	0	5	50	0	0	10	485
Valdez	Ocean Outfall	200	220	0	0	5	40	0	0	15	480
Cordova	Wastewater Treatment Upgrade, Phase I	200	220	0	0	5	40	0	0	10	475
Ketchikan	Wastewater Collection System Improvements	200	220	0	0	5	20	15	0	10	470
Anchorage	Pump Station 10 Upgrade	200	0	200	0	5	20	15	10	15	465
Juneau	Bayview Subdivision Sewer System Improvements	200	0	220	0	5	20	0	0	10	455
Anchorage	Asplund WWTF Processing Improvements	200	0	0	100	5	40	15	10	15	385
Anchorage	Pump Station 2 Upgrade (Chester Creek)	200	0	0	100	5	30	15	10	15	375
Wasilla	Sewer Improvement, Phase II	200	100	0	0	10	20	15	10	15	370
Anchorage	C-2 (A, B) Sewer Improvements	200	0	0	100	10	20	15	10	15	370
Anchorage	Oregon and Lois @36th Sewer	200	0	0	100	10	20	15	10	15	370
Anchorage	Wyoming and Lois @ 36th Sewer	200	0	0	100	10	20	15	10	15	370
Palmer	Southwest Sanitary Sewer	200	0	0	100	10	20	15	10	15	370
North Pole	Badger-Morning Star Area Sewer System	200	0	0	100	10	20	15	0	10	355
North Pole	Baker/North Star Sewer Collection	200	0	0	100	10	20	15	0	10	355
Seward	Forest Acres Sewer Extension	200	0	0	100	10	20	2	2	15	349
Nome	Sewer Improvement, Phase II	200	100	0	0	10	20	0	0	15	345
Juneau	WW Hospital Drive Lift Station Replacement	200	0	0	100	5	20	0	0	15	340
Juneau	Eaglecrest On-Site Sewer System Improvements	200	0	0	100	10	0	0	0	15	325
Seward	Airport Sewer System	200	0	0	100	10	0	0	0	15	325
Soldotna	Kalifornsky Beach Road Sewer Mainline Extensions	200	0	0	100	10	0	0	0	15	325
King Cove	Community Sewer System Upgrade	0	0	210	0	5	20	0	0	15	250
Sand Point	Sewer Vactor Truck	200	0	0	0	10	0	0	0	15	225
Anchorage	SCADA - Sewer	0	0	0	100	5	50	15	10	15	195
Anchorage	Sewer District Improvement	0	0	0	100	10	20	15	10	15	170
Palmer	Sludge Management Project	0	0	0	100	10	20	15	10	15	170
Soldotna	Funny River Road Sewer Mainline Extensions	0	0	0	100	10	30	15	0	15	170
Anchorage	Vehicles - Sewer	0	0	0	100	10	0	15	10	15	150
Juneau	Wastewater Improvements/Mendenhall ABF	0	0	0	100	10	20	0	0	15	145
Juneau	WW J-D Improvement	0	0	0	100	5	20	0	0	15	140

Appendix IIIa

ALASKA CLEAN WATER FUND Scoring Distribution of Point Source Projects Fiscal Year 2004 (Sorted by Total Score)

		Water Quality Considerations									Total Score
		Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	
Soldotna	Sewer Utilities Master Plan	0	0	0	100	10	0	15	0	15	140
Soldotna	Riverside Drive Sewer Main	0	0	0	100	10	0	0	0	15	125
Valdez	GIS Mapping/Service Locations	0	0	0	100	10	0	0	0	15	125
Homer	Service Sewer Extension	0	0	0	100	10	0	0	0	10	120
North Pole	WWTP Sludge Project	0	0	0	100	10	0	0	0	10	120

APPENDIX IIIb

ALASKA CLEAN WATER FUND

**Scoring Distribution of
NonPoint Source Projects**

Appendix IIIb

ALASKA CLEAN WATER FUND
Scoring Distribution of NonPoint Projects
Fiscal Year 2004
(Sorted by Total Score)

Municipality	Project Title	WATER QUALITY CONSIDERATIONS			Local Initiative	Funding Coordination	NPS Strategy	Total
		Prevention	Restoration	Stewardship				
Wasilla	Stormwater Pumping	90	0	0	10	15	40	155
Sitka	Swan Lake Watershed Recovery	0	70	0	25	10	40	145
Wasilla	Vactor Truck (Stormwater)	90	0	0	10	0	40	140
Wrangell	Solid Waste Improvements	60	0	20	10	0	20	110
Kenai	Maintenance Shop Groundwater Remediation	60	0	0	10	5	30	105
Anchorage	Cell 7 Landfill Construction	60	0	0	10	5	20	95
Anchorage	Landfill Cell 7 Design	60	0	0	10	5	20	95
King Cove	Landfill Closure	60	0	0	10	5	20	95
Valdez	Harbor Bilgewater	60	0	0	0	5	10	75

APPENDIX IVa

ALASKA CLEAN WATER FUND

Scoring Distribution of Point Source Projects
(Sorted Alphabetically)

Appendix IVa

ALASKA CLEAN WATER FUND
Scoring Distribution of Point Source Projects
Fiscal Year 2004
(Sorted Alphabetically)

		Water Quality Considerations									Total Score
		Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	
Anchorage	Asplund WWTF Processing Improvements	200	0	0	100	5	40	15	10	15	385
Anchorage	C-2 (A, B) Sewer Improvements	200	0	0	100	10	20	15	10	15	370
Anchorage	C-5-7 Sewer Improvements	300	0	220	0	10	20	15	10	15	590
Anchorage	Old Glenn Highway Interceptor	300	220	0	0	10	40	15	10	15	610
Anchorage	Oregon and Lois @36th Sewer	200	0	0	100	10	20	15	10	15	370
Anchorage	Pump Station 10 Upgrade	200	0	200	0	5	20	15	10	15	465
Anchorage	Pump Station 2 Upgrade (Chester Creek)	200	0	0	100	5	30	15	10	15	375
Anchorage	SCADA - Sewer	0	0	0	100	5	50	15	10	15	195
Anchorage	Sewer District Improvement	0	0	0	100	10	20	15	10	15	170
Anchorage	Vehicles - Sewer	0	0	0	100	10	0	15	10	15	150
Anchorage	Wyoming and Lois @ 36th Sewer	200	0	0	100	10	20	15	10	15	370
Cordova	Wastewater Treatmetn Plant Upgrade	200	220	0	0	5	50	15	10	10	510
Cordova	Wastewater Upgrade, Phase II	200	220	0	0	5	50	0	0	10	485
Cordova	Wastewater Upgrade, Phase I	200	220	0	0	5	40	0	0	10	475
Homer	Service Sewer Extension	0	0	0	100	10	0	0	0	10	120
Juneau	Bayview Subdivision Sewer System Improvements	200	0	220	0	5	20	0	0	10	455
Juneau	Eaglecrest On-Site Sewer System Improvements	200	0	0	100	10	0	0	0	15	325
Juneau	North Douglas Sewer Expansion Phase II	300	220	0	0	5	50	15	0	10	600
Juneau	WW Hospital Drive Lift Station Replacement	200	0	0	100	5	20	0	0	15	340
Juneau	Wastewater Improvements/Mendenhall ABF	0	0	0	100	10	20	0	0	15	145
Juneau	WW J-D Improvement	0	0	0	100	5	20	0	0	15	140
Ketchikan	Wastewater Collection System Improvements	200	220	0	0	5	20	15	0	10	470
King Cove	Community Sewer System Upgrade	0	0	210	0	5	20	0	0	15	250
Nome	Sewer Improvements, Phase II	200	100	0	0	10	20	0	0	15	345
North Pole	Badger-Morning Star Area Sewer System	200	0	0	100	10	20	15	0	10	355
North Pole	Baker/North Star Sewer Collection	200	0	0	100	10	20	15	0	10	355
North Pole	WWTP Sludge Project	0	0	0	100	10	0	0	0	10	120
Palmer	Sludge Management Project	0	0	0	100	10	20	15	10	15	170
Palmer	Southwest Sanitary Sewer	200	0	0	100	10	20	15	10	15	370
Sand Point	Sewer Vactor Truck	200	0	0	0	10	0	0	0	15	225
Seward	Airport Sewer System	200	0	0	100	10	0	0	0	15	325
Seward	Forest Acres Sewer Extension	200	0	0	100	10	20	2	2	15	349
Soldotna	Funny River Road Sewer Mainline Extensions	0	0	0	100	10	30	15	0	15	170
Soldotna	Kalifornsky Beach Road Sewer Mainline Extensions	200	0	0	100	10	0	0	0	15	325
Soldotna	Riverside Drive Sewer Main	0	0	0	100	10	0	0	0	15	125

Appendix IVa

ALASKA CLEAN WATER FUND
Scoring Distribution of Point Source Projects
Fiscal Year 2004
(Sorted Alphabetically)

		Water Quality Considerations									Total Score
		Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	
Soldotna	Sewer Utilities Master Plan	0	0	0	100	10	0	15	0	15	140
Wasilla	Sewer Improvements, Phase II	200	100	0	0	10	20	15	10	15	370
Valdez	Alpine Woods Sewer	300	0	200	0	10	0	0	0	5	515
Valdez	GIS Mapping/Service Locations	0	0	0	100	10	0	0	0	15	125
Valdez	Ocean Outfall	200	220	0	0	5	40	0	0	15	480

APPENDIX IVb

ALASKA CLEAN WATER FUND

Scoring Distribution of NonPoint Projects
(Sorted Alphabetically)

Appendix IVb

ALASKA CLEAN WATER FUND
Scoring Distribution of NonPoint Projects
Fiscal Year 2004
(Sorted Alphabetically)

Municipality	Project Title	WATER QUALTY CONSIDERATIONS			Local Initiative	Funding Coordination	NPS Strategy	Total
		Prevention	Restoration	Stewardship				
Anchorage	Cell 7 Landfill Construction	60	0	0	10	5	20	95
Anchorage	Landfill Cell 7 Design	60	0	0	10	5	20	95
Kenai	Maintenance Shop Groundwater Remediation	60	0	0	10	5	30	105
King Cove	Landfill Closure	60	0	0	10	5	20	95
Sitka	Swan Lake Watershed Recovery	0	70	0	25	10	40	145
Valdez	Harbor Bilgewater	60	0	0	0	5	10	75
Wasilla	Stormwater Pumping	90	0	0	10	15	40	155
Wasilla	Vactor Truck (Stormwater)	90	0	0	10	0	40	140
Wrangell	Solid Waste Improvements	60	0	20	10	0	20	110

APPENDIX V

ALASKA CLEAN WATER FUND

Public Comments

The department received comment from the Municipality of Anchorage requesting the amount for the Anchorage C-5-7 Trunk Sewer for \$ 2,599,000 be reduced to \$1,000,000. In a related matter, we executed a loan with the Municipality of Anchorage for the C-5-7 Trunk sewer project in May, after the draft IUP was published. This final IUP reflects those changes.

APPENDIX VIa

ALASKA CLEAN WATER FUND

Point Source Project Descriptions

ALASKA CLEAN WATER FUND

Appendix VIa

Project Descriptions

Fiscal Year 2004

ANCHORAGE

Asplund WWTF Process Improvements

(Section 212)

The Asplund Wastewater Treatment Facility (WWTF) discharges treated wastewater into the marine waters of Knik Arm of the Cook Inlet. This project will rehabilitate and expand the capacity of the existing WWTF to meet the existing needs of the treatment facility. Portions of the existing equipment have reached the end of their useful life. Structural, mechanical, and hydraulic modifications are necessary to maintain existing capacity, handle existing influent inflows and provide the necessary means to handle incoming solids loadings.

C-2 (A, B) Sewer Improvements

(Section 212)

This sanitary sewer mainline (corrugated metal pipe) has reached the end of its useful life. Without replacement, public health is at risk from potential exfiltration from the pipe due to loss of integrity.

C-5-7 Sewer Improvements

(Section 212)

The existing trunk has a high potential for failure and is of questionable reliability. Degradation of the trunk has occurred, characterized by infiltration, joint displacement and separation, protruding gaskets and services connections, differential settlement, cracks and breaks, and frost-jacked manholes. Parts of the trunk viewed with closed circuit camera equipment show joint separation or manhole joint problems that must be corrected. Infiltration and inflow into the collection system exist where manholes are now in or under water. Failure of this system could interrupt service to AWWU customers and could result in raw sewage overflows into Campbell Lake.

Old Glenn Highway Interceptor

(Section 212)

This project will install an interceptor to extend the sanitary sewer system to the northern portion of the Municipality, which is now served entirely by on-site septic systems.

ANCHORAGE (continued)

Oregon & Lois @ 36th Sewer

(Section 212)

This project provides for the replacement of sewer pipe that is presently on an accelerated (monthly) cleaning schedule. The frequency of cleaning adds extra maintenance costs, wear on the pipe interior, and if not performed, would result in a plugged pipe, which would create a severe health hazard.

Pump Station 10 Upgrade

(Section 212)

The most significant deficiency is the aspect of the bypass installed some years ago. This bypass causes influent to be discharged into the adjacent inlet waters should the station be subjected to a major failure. As a result, a potential exists which could result in an environmental and health hazard.

Pump Station 2 Upgrade (Chester Creek)

(Section 212)

This facility is the sole sewer trunk that transports all of the sewage from the Central Business District, east Anchorage, and north Anchorage; there are no alternative routes for this sewage which amounts to almost 50 percent of the raw sewage generated by the entire Anchorage Bowl. This station, constructed in 1972, is at or beyond its design life expectancy. Failure of critical components is routine. Total failure of this facility would cause catastrophic disruption of service and significant public health hazard.

SCADA – Sewer

(Section 212)

This project will construct a new SCADA facility to improve remote supervision of collection facilities in the Anchorage Bowl, Eagle River and Girdwood service areas. The purpose of remote supervision and control is to assure efficient monitoring of the collection system, thereby reducing potential public health hazards such as uncontrolled overflows at pump stations. Remote supervision of treatment facilities allows AWWU to monitor unattended facilities during off-shift hours. This remote supervision will be used to assure the utility and the public that unattended treatment

ANCHORAGE (continued)

Sewer District Improvements

(Section 212)

Improvement districts provide public service to an area that is developed with well and/or septic and wishes to connect to the public mains. Connection to the public mains alleviate the health issues associated with on-site well and septic systems. The project will contain the wastewater, thereby protecting groundwater in the area. This upgrade will prevent possible leaching of wastewater to the groundwater source, thereby preserving water quality and human health.

Vehicles - Sewer

(Section 212)

Vehicles (light duty and heavy rolling stock) provide the necessary transportation and equipment to perform routine maintenance and emergency repairs, as well as transportation for construction inspection. All these functions are critical to sustain the integrity of the public sewer system and thereby assisting continued high quality public health and safety. Without the transportation and mobile equipment, quick response time to emergencies would not be possible and containment of sewage could cause public health and safety to be compromised. Similarly, without transportation to construction sites, inspection work could not occur, and facilities may not be installed in accordance with municipal specifications and municipal codes, potentially compromising the life-span and integrity of the facility and therefore, could impact public health and safety.

Wyoming & Lois @ 36th Sewer

(Section 212)

This project provides for the replacement of sewer pipe that is presently on an accelerated (monthly) cleaning schedule. The frequency of cleaning adds extra maintenance costs, wear on the pipe interior, and if not performed, would result in a plugged pipe, which would create a severe health hazard.

CORDOVA

Wastewater Treatment Plant Upgrade Project – Phase I/II/ III

(Section 212)

The existing wastewater treatment plant, a package activated sludge plant, operates hydraulically over capacity during high flow events and must be bypassed occasionally. This project is necessary to meet the City's NPDES permit and EPA Compliance Docket No. 10-98-002-CWA/A. The City's efforts to control bypass events will not only satisfy the regulatory requirements for the treatment plant but will also ensure that the public health and fisheries in the Cordova area are protected per EPA regulations.

HOMER

Sewer Service Extensions

(Section 212)

This project will extend sanitary sewer into areas not currently served, and will allow existing on-site septic systems to be abandoned. The poor soils and a high groundwater table in the project area make on-site septic systems unreliable, and failing systems can threaten existing private wells.

JUNEAU

Bayview Subdivision Sewer System Improvements

(Section 212)

The Bayview sewer system was designed as a private utility composed of individual on-site treatment plants with a common sewer collection system and marine outfall into Gastineau Channel. New ADEC disposal permit requirements will require higher removal criteria for TSS, BOD and disinfection for fecal coliform. This project will provide disinfection for the combined treated sanitary sewer effluent. This project will also extend the marine outfall.

Eaglecrest On-Site Sewer System Improvements

(Section 212)

The existing on-site sewer system is at, or very near capacity, and in need of replacement. This project will install a new secondary aeration treatment plant system with a new drainfield and disinfection process to provide an environmentally safe sanitary sewer treatment system.

North Douglas Sewer Expansion, Phase II

(Section 212)

There are numerous incidents of roadside contamination with fecal coliform bacteria in the area of this sewer expansion originating from failing wastewater treatment and disposal systems. The highest concentration of contamination extends from the end of Phase I work to the vicinity of a local business area.

Wastewater Hospital Drive Lift Station Replacement

(Section 212)

This project will replace the current wastewater lift station which is 30 years old and too small to accommodate the population growth in the area.

Wastewater Improvements/Mendenhall ABF

(Section 212)

The telemetry (SCADA) system will improve emergency response as well as operation and maintenance of the wastewater collection system. At the Mendenhall Treatment Plant, repairs and replacement of the deteriorated ABF building will be accomplished. This project will also replace existing effluent valve actuators, which are failing from wear and tear causing high maintenance and frequent callouts. Finally, this project will install variable frequency drives (VFD) on all five influent pumps to assist calculating flow and to decrease damage to pumps and check valves.

Wastewater J-D Plant Improvements

(Section 212)

This project will provide process equipment upgrades to the Juneau-Douglas wastewater treatment plant that includes rehabilitation of the existing clarifiers, digesters and sludge processing equipment.

KETCHIKAN

Wastewater Collection System Improvements

(Section 212)

This project will eliminate infiltration/inflow and exfiltration in the City's wastewater collection system.

KING COVE

Community Sewer System Upgrade

(Section 212)

This project will provide minor hydraulic system upgrades for the existing collection system and outfall. The existing system is "bottlenecked" at several points and needs to be corrected to avert potential health threats.

NOME

Sewer Improvements, Phase II

(Section 212)

This project will upgrade and replace a 20 year old direct bury sewer distribution and collection system and install new segments. The existing lines in the area are constricting causing a reduction in flow, sinking or heaving resulting in reserve grade and separation.

NORTH POLE

Badger-Morning Star Area Sewer System

(Section 212)

This project will extend the City's wastewater collection system to serve both the residential properties within Morning Star subdivision and the commercial businesses in the Badger Road area. The project will mitigate the effects of the failing on-site septic/leachfield wastewater disposal systems currently in use.

Baker/North Star Sewer Collection

(Section 212)

This project will extend the City's sewage collection system to serve approximately 120 single-family residences within Baker and North Star Subdivisions. Currently all existing development within these subdivisions relies upon individual on-site wastewater disposal systems, with many of these systems failing. These failing on-site wastewater disposal systems could create the potential for health hazards within these subdivisions.

Sludge Management Project

(Section 212)

This project will remove and dispose of sludge from Cell #1 of the City's aerated lagoon wastewater treatment facility. The removal of this sludge will reduce the potential for noncompliance of the effluent in meeting the EPA discharge permit requirements for this facility.

PALMER

Sludge Management Project

(Section 212)

This project will provide for effective management of three lagoons and enhance the quality of effluent to the receiving body. Also, the project will provide a lined drying bed for sewage sludge.

Southwest Sanitary Sewer Interceptor

(Section 212)

This project will provide the basis of a public sanitary sewer utility to serve an area of approximately 12 square miles and the selected location of a new 70 bed regional hospital. This utility will correct existing conflicts between on-site utilities and eliminate future conflicts.

SAND POINT

Sewer Vector Truck

(Section 212)

This project will purchase a sewer vacuum truck that can be used to clean the City's "vintage" sewage collection galleries that have, on more than one occasion, failed due to inability to properly maintain (remove solids) from these structures. This project will also help maintain the sewage lift stations throughout the community.

SEWARD

Airport Sewer Extension

(Section 212)

This project will extend a sanitary sewer out to the airport and provide users in the area with wastewater services that are not currently available. This expansion will eliminate the need for septic tanks and port-a-potty services at the airport, and enable additional customers to connect to the City's wastewater collection system.

Forest Acres Sewer Extension

(Section 212)

This project will enable the City to capture (collect) and treat residential sewage from the area being developed. This will avoid possible contamination of the City's primary (and only) source of drinking water. This project will also minimize any possible surface contamination that could be caused by failed septic systems.

SOLDOTNA

Funny River Road Sewer Mainline Extensions

(Section 212)

Construction of this sewer main will provide service to residences, commercial establishments and properties along the Funny River Road which are currently served by on-site wells and septic systems. Some of this area is known for high groundwater and is very near the Kenai River. By replacing existing septic systems with connects to the City's system, a potential source of contamination will be eliminated. This will help protect the quality of the Kenai River and soils in the entire area.

Sewer Utilities Master Plan

(Section 212)

This is a continuation of a feasibility study of effluent options. One of the main objectives of the study would be to identify problem areas that could cause public health hazards, and suggest ways of eliminating these problem areas. This project is a step toward prevention of potential water quality problems in the Kenai River. As the plant flows increase and the plant equipment becomes older, the need for proper planning becomes more important.

Kalifornsky Beach Road Sewer Mainline Extensions

(Section 212)

This project will extend the existing sewer main on Kalifornsky Beach Road from Soldotna Sports Center to the intersection of Kalifornsky Beach Road and Endicott Drive. This project will include the installation of one lift station.

Riverside Drive Sewer Main

(Section 212)

This project will increase the 8" sewer line with 16" and extend the underground storm drain.

WASILLA

Sewer Improvement, Phase II

(Section 212)

This project will extend city sewer to developing areas that rely on septic systems for sewage disposal.

VALDEZ

Alpine Woods Subdivision Sewer Improvements

(Section 212)

This subdivision is not served by City sewer utilities, Therefore, any failed residential septic systems could have a major impact on the adjacent wells and streams that braid through the subdivision.

GIS Mapping/Service Locations

(Section 212)

This project will allow better management of the wastewater infrastructure.

Ocean Outfall

(Section 212)

This project will hard pipe the existing 2,500 foot outfall from its original ditch, which has been recently classified as an anadromou stream, to ocean discharge. The outfall discharges all of the City's treated effluent. A diffuser will dissipate the flow. Prompt construction of this project is required to comply with the current NPDES permit schedule developed in coordination with other state and federal agencies.

APPENDIX VIb

ALASKA CLEAN WATER FUND

NonPoint Source Project Descriptions

ANCHORAGE

Cell 7 Landfill Construction

(Section 319)

This project will construct a cell at the Anchorage Regional Landfill. The cell will be lined with a GCL (geosynthetic clay liner) and 80-mil HDPE (high density polyethylene) liner. Installation of a leachate collection and treatment system will prevent leachate from entering the area's groundwater and surface waters.

How this project implements Alaska's Nonpoint Source Strategy: The EPA approved NPS Strategy declares that prevention is the main focus of Alaska's Strategy (pp. 22). By designing and constructing landfill cells in conformance with federal RCRA requirements, contamination of groundwater is prevented..

Design of Landfill Cell 7

(Section 319)

This project will provide for the design of a landfill cell at the Anchorage Regional Landfill.

How this project implements Alaska's Nonpoint Source Strategy: The EPA approved NPS Strategy declares that prevention is the main focus of Alaska's Strategy (pp. 22). By designing and constructing new landfill cells in conformance with federal RCRA requirements, contamination of groundwater is prevented.

KENAI

Maintenance Shop Groundwater Remediation

(Section 319)

This project will develop and execute a remediation plan for a petroleum contaminated site adjacent to the Kenai River.

How this project implements Alaska's Nonpoint Source Strategy: Petroleum Contamination of soils is identified in various parts of Alaska's NPS Strategy as a common problem (pp. 12). This project will lead to the cleanup of a contaminated site located adjacent to the Kenai River, arguably the most important and potentially threatened river in Alaska.

KING COVE

Landfill Closure (traditional)

(Section 319)

This project will close King Cove's existing landfill with a two-foot impermeable cap. Surface storm water drainage will be routed away from the landfill.

How this project implements Alaska's Nonpoint Source Strategy: The EPA approved NPS Strategy declares that prevention is the main focus of Alaska's Strategy (pp. 22). Closing the existing King Cove Landfill in compliance with a DEC approved closure plan will prevent contamination of surrounding surface and groundwater from leachate percolation (pp. 29 – item UR-A10).

SITKA

Swan Lake Watershed Recovery

(Section 319)

This project will implement the Swan Lake Recovery Plan, including storm water system modifications. Swan Lake is designated as an impaired water body on the 303(d) list. Sitka has received 319 grant funds to monitor this waterbody and develop a recovery plan.

How this project implements Alaska's Nonpoint Source Strategy: Local water quality enhancement projects are identified as an important component of Alaska's Strategy (pp. 28 – item UR-A2).

VALDEZ

Small Boat Harbor BilgeWater/Waste Oil

(Section 319)

Currently bilgewater treatment equipment is located four miles from the Harbor. This project would locate equipment at the harbor for ready access. Improving access to fishermen will encourage collection of this hazardous waste.

How this project implements Alaska's Nonpoint Source Strategy: Oil and Bilge Waste in Harbors are identified as a significant source of nonpoint pollution in Alaska's Strategy (pp. 45). This project will involve Valdez in these hazardous waste collection efforts (pp. 48 – item HM-8).

WASILLA

Storm Water Pumping

(Section 319)

This project will construct the City's first closed storm drain system, replacing failing drywells under city streets. This project will capture a portion of Parks Highway runoff that is entering Lake Lucille. Lake Lucille is listed as an impaired water body. This project will use constructed wetlands for storm water treatment.

How this project implements Alaska's Nonpoint Source Strategy: Alaska's Strategy identifies as a priority community water quality enhancement projects that allow adequate and proper treatment of stormwater runoff (pp. 28). This project will allow adequate treatment of stormwater runoff.

Vactor Truck

(Section 319)

The city's new storm water pumping and treatment facility will require a higher level of maintenance in order to protect water quality. A new vactor truck will help prevent adverse impacts to groundwater.

How this project implements Alaska's Nonpoint Source Strategy: Alaska's Strategy identifies as a priority community water quality enhancement projects that allow adequate and proper treatment of stormwater runoff (pp. 28). This project will allow adequate maintenance of the new stormwater pumping system.

WRANGELL

Landfill Closure (Traditional)

(Section 319)

This project will implement Wrangell's approved DEC landfill closure plan.

How this project implements Alaska's Nonpoint Source Strategy: The EPA approved NPS Strategy declares that prevention is the main focus of Alaska's Strategy (pp. 22). Closing the existing Wrangell Landfill in compliance with a DEC approved closure plan will prevent contamination of surrounding surface and groundwater from leachate percolation (pp. 29 – item UR-A10).

APPENDIX VIIa

ALASKA CLEAN WATER FUND

Schedule of Binding Commitments

Point Source Projects

(Estimated Construction and Operation Dates)

Appendix VIIa

ALASKA CLEAN WATER FUND
Schedule of Binding Commitments
(Estimated Construction and Operation Dates)

Community	Project Title	Binding Commitment	Construction Start	Initiation of Operation
Anchorage	Pump Station 2 Upgrade (Chester Creek)	8/03	9/03	8/04
Cordova	Wastewater Treatment Plant Upgrade, Phase I	8/03	8/02	11/02
Anchorage	Pump Station 10 Upgrade	9/03	11/03	8/04
Anchorage	C-5-7 Sewer Improvements	9/03	10/03	8/04
Valdez	Ocean Outfall	9/03	9/03	6/04
Wasilla	Sewer Improvements, Phase II	9/03	10/03	8/04
Nome	Sewer Improvements, Phase II	9/03	10/03	7/04
North Pole	Baker/North Star Sewer Collection	10/03	6/04	7/05
Seward	Airport Sewer System	10/03	4/04	11/04
Seward	Forest Acres Sewer Extension	10/03	6/03	10/03
North Pole	Badger-Morning Star Area Sewer System	12/03	6/04	7/05
Palmer	Southwest Sanitary Sewer Interceptor	1/04	3/04	6/05
Soldotna	Kalifornsky Beach Road Sewer	1/04	6/04	10/04
Juneau	Bayview Subdivision Sewer System Improvements	2/04	4/04	11/05
Juneau	WW Hospital Drive Lift Station Replacement	2/04	4/04	8/05
Ketchikan	Wastewater Collection System Improvements	2/04	6/04	9/04
Anchorage	SCADA - Sewer	2/04	4/04	6/05
Anchorage	Old Glenn Highway interceptor	3/04	5/04	1/05
Juneau	Eaglecrest On-Site Sewer System Improvements	3/04	5/04	6/05
Juneau	North Douglas Sewer Expansion, Phase II	3/04	5/04	10/05
Anchorage	Asplund WWTF Process Improvements	3/04	4/04	10/05
Anchorage	Wyoming and Lois @ 36th Sewer	3/04	4/04	11/05
Anchorage	Oregon and Lois @ 36th Sewer	4/04	6/04	8/05
Sand Point	Sewer Vactor Truck	4/04	5/04	8/04
Cordova	Wastewater Treatment Plant Upgrade, Phase II	5/04	5/04	4/05
King Cove	Community Sewer System Upgrade	7/04	7/04	11/05
Cordova	Wastewater Treatment Plant Upgrade	2/05	4/05	6/06
Anchorage	C-2 (A, B) Sewer Improvements	3/05	5/05	7/06
Valdez	Alpine Woods Subdivision Sewer Improvements	3/05	5/05	8/06
Valdez	GIS Mapping/Service Locations	3/05	5/05	8/06
North Pole	WWTP Sludge Project	3/05	5/05	9/05
Palmer	Sludge Management Project	4/05	5/05	9/05
Juneau	Wastewater Improvements/Mendenhall ABF	4/05	6/05	6/06
Soldotna	Sewer Utilities Master Plan	4/05	n/a	n/a
Soldotna	Riverside Drive Sewer Main	4/05	6/05	8/06
Anchorage	Sewer District Improvements	5/05	7/05	7/06

Appendix VIIa**ALASKA CLEAN WATER FUND**
Schedule of Binding Commitments
(Estimated Construction and Operation Dates)

Community	Project Title	Binding Commitment	Construction Start	Initiation of Operation
Soldotna	Funny River Sewer Mainline Extensions	5/05	6/05	10/05
Juneau	WW J-D Plant Improvements	6/05	7/05	8/06
Homer	Service Sewer Extension	6/05	7/05	6/06
Anchorage	Vehicles - Sewer	10/05	11/04	5/04

APPENDIX VIIb

ALASKA CLEAN WATER FUND

Schedule of Binding Commitments

NonPoint Source Projects

(Estimated Construction and Operation Dates)

Appendix VIIb

ALASKA CLEAN WATER FUND **Schedule of Binding Commitments** **Non-Point Projects** (Estimated Construction and Operation Dates)

Community	Project Title	Binding Commitment	Construction Start	Initiation of Operation
Sitka	Swan Lake Watershed Recovery	8/03	5/04	8/04
Wasilla	Storm Water Pumping	8/03	9/03	10/04
Wasilla	Vactor Truck (Storm Water)	8/03	9/03	10/03
Wrangell	Solid Waste Improvements	9/03	9/03	8/04
Anchorage	Cell 7 Landfill Construction	11/03	5/05	10/05
Anchorage	Design of Landfill Cell 7	11/03	N/A	N/A
Kenai	Maintenance Shop Groundwater Remediation	3/04	6/04	10/05
King Cove	Landfill Closure (traditional)	10/04	6/05	9/05
Valdez	Small Boat Harbor Bilgewater/Waste Oil	12/04	6/05	10/05

APPENDIX VIIIa

ALASKA CLEAN WATER FUND

**Schedule of Binding Commitments
for Point Source Projects
(including Loan Amounts)**

Appendix VIIIa

ALASKA CLEAN WATER FUND
Schedule of Binding Commitments
 (All Projects Including Loan Amounts)

Community	Project Title	Binding Commitment	Amount Requested	Cumulative Amount Requested
Anchorage	Pump Station 2 Upgrade (Chester Creek)	8/03	\$ 1,000,000	\$ 1,000,000
Cordova	Wastewater Treatment Plant Upgrade, Phase I	8/03	\$ 500,000	\$ 1,500,000
Anchorage	C-5-7 Sewer Improvements	9/03	\$ 1,000,000	\$ 2,500,000
Anchorage	Pump Station 10 Upgrade	9/03	\$ 1,000,000	\$ 3,500,000
Valdez	Ocean Outfall	9/03	\$ 1,818,000	\$ 5,318,000
Wasilla	Sewer Improvements, Phase II	9/03	\$ 405,000	\$ 5,723,000
Nome	Sewer Improvements, Phase II	9/03	\$ 1,000,000	\$ 6,723,000
North Pole	Baker/North Star Sewer Collection	10/03	\$ 1,500,000	\$ 8,223,000
Seward	Airport Sewer System	10/03	\$ 450,000	\$ 8,673,000
Seward	Forest Acres Sewer Extension	10/03	\$ 190,000	\$ 8,863,000
North Pole	Badger-Morning Star Area Sewer System	12/03	\$ 732,900	\$ 9,595,900
Palmer	Southwest Sanitary Sewer Interceptor	1/04	\$ 2,160,000	\$ 11,755,900
Soldotna	Kalifornsky Beach Road Sewer	1/04	\$ 210,350	\$ 11,966,250
Juneau	Bayview Subdivision Sewer System Improvements	2/04	\$ 450,000	\$ 12,416,250
Juneau	WW Hospital Drive Lift Station Replacement	2/04	\$ 500,000	\$ 12,916,250
Ketchikan	Wastewater Collection System Improvements	2/04	\$ 5,500,000	\$ 18,416,250
Anchorage	SCADA - Sewer	2/04	\$ 4,000,000	\$ 22,416,250
Anchorage	Old Glenn Highway interceptor	3/04	\$ 1,000,000	\$ 23,416,250
Juneau	Eaglecrest On-Site Sewer System Improvements	3/04	\$ 100,000	\$ 23,516,250
Juneau	North Douglas Sewer Expansion, Phase II	3/04	\$ 605,000	\$ 24,121,250
Anchorage	Asplund WWTF Process Improvements	3/04	\$ 4,200,000	\$ 28,321,250
Anchorage	Wyoming and Lois @ 36th Sewer	3/04	\$ 175,000	\$ 28,496,250
Anchorage	Oregon and Lois @ 36th Sewer	4/04	\$ 175,000	\$ 28,671,250
Sand Point	Sewer Vactor Truck	4/04	\$ 180,000	\$ 28,851,250
Cordova	Wastewater Treatment Plant Upgrade, Phase II	5/04	\$ 850,000	\$ 29,701,250
King Cove	Community Sewer System Upgrade	7/04	\$ 100,000	\$ 29,801,250
Cordova	Wastewater Treatment Plant Upgrade	2/05	\$ 805,860	\$ 30,607,110
Anchorage	C-2 (A, B) Sewer Improvements	3/05	\$ 300,000	\$ 30,907,110
Valdez	GIS Mapping/Service Locations	3/05	\$ 385,000	\$ 31,292,110
North Pole	WWTP Sludge Project	3/05	\$ 1,260,000	\$ 32,552,110
Valdez	Alpine Woods Subdivision Sewer Improvements	3/05	\$ 7,660,000	\$ 40,212,110
Soldotna	Riverside Drive Sewer Main	4/05	\$ 536,600	\$ 40,748,710
Palmer	Sludge Management Project	4/05	\$ 750,000	\$ 41,498,710
Juneau	Wastewater Improvements/Mendenhall ABF	4/05	\$ 1,467,000	\$ 42,965,710
Soldotna	Sewer Utilities Master Plan	4/05	\$ 122,500	\$ 43,088,210
Anchorage	Sewer District Improvements	5/05	\$ 200,000	\$ 43,288,210

Appendix VIIIa**ALASKA CLEAN WATER FUND**
Schedule of Binding Commitments
(All Projects Including Loan Amounts)

Community	Project Title	Binding Commitment	Amount Requested	Cumulative Amount Requested
Soldotna	Funny River Sewer Mainline Extensions	5/05	\$ 865,340	\$ 44,153,550
Homer	Service Sewer Extension	6/05	\$ 3,926,185	\$ 48,079,735
Juneau	WW J-D Plant Improvements	6/05	\$ 380,000	\$ 48,459,735
Anchorage	Vehicles - Sewer	10/05	\$ 400,000	\$ 48,859,735

APPENDIX VIIIb

ALASKA CLEAN WATER FUND

Schedule of Binding Commitments

NonPoint Source Projects

(including Loan Amounts)

Appendix VIIIb

ALASKA CLEAN WATER FUND
Schedule of Binding Commitments
(All Non-Point Projects Including Loan Amounts)

Community	Project Title	Binding Commitment	Amount Requested	Cumulative Amount Requested
Sitka	Swan Lake Watershed Recovery	8/03	\$ 30,000	\$ 30,000
Wasilla	Storm Water Pumping	8/03	\$ 271,485	\$ 301,485
Wasilla	Vactor Truck (Storm Water)	8/03	\$ 250,000	\$ 551,485
Wrangell	Solid Waste Improvements	9/03	\$ 854,000	\$ 1,405,485
Anchorage	Cell 7 Landfill Construction	11/03	\$ 5,704,515	\$ 7,110,000
Anchorage	Design of Landfill Cell, Leachate Collection	11/03	\$ 525,000	\$ 7,635,000
Kenai	Maintenance Shop Groundwater Remediation	3/04	\$ 1,000,000	\$ 8,635,000
King Cove	Landfill Closure (traditional)	10/04	\$ 100,000	\$ 8,735,000
Valdez	Small Boat Harbor Bilgewater/Waste Oil	12/04	\$ 165,000	\$ 8,900,000

APPENDIX IX

ALASKA CLEAN WATER FUND

Project Specific Information

ALASKA CLEAN WATER FUND

Appendix IX

Project Specific Information

	NPDES or State Permit Number	EPA Project Scope	Needs Category
Anchorage Asplund WWTF Process Improvements	AK-0022551	Design & Construct	I
Anchorage C-2 (A, B) Sewer Improvements	AK-0022551	Design & Construct	III(b)
Anchorage C-5-7 Sewer Improvements	AK-0022551	Design & Construct	III(b)
Anchorage Old Glenn Highway Interceptor	AK-0022551	Design & Construct	I
Anchorage Oregon and Lois @ 36th Sewer	AK-0022551	Design & Construct	I
Anchorage Pump Station 10 Upgrade	AK-0022551	Design & Construct	I
Anchorage Pump Station 2 Upgrade (Chester Creek)	AK-0022551	Design & Construct	II
Anchorage SCADA Sewer	AK-0022551	Design & Construct	I
Anchorage Sewer District Improvements	AK-0022551	Design & Construct	II
Anchorage Vehicles - Sewer	AK-0022551	Design & Construct	II
Anchorage Wyoming and Lois @ 36th Sewer	AK-0022551	Design & Construct	II
Cordova Wastewater Treatment Plant Upgrade, Phase I, II, III	AK-0021547	Construction	II
Homer Sewer Extensions	AK-0021245	Design & Construct	IV(a)
Juneau Bayview Subdivision Sewer System Improvements	AK-0023213	Design & Construct	I
Juneau Eaglecrest On-Site Sewer System Improvements	AK-0023213	Design & Construct	II
Juneau North Douglas Sewer Expansion, Phase II	AK-0023213	Design & Construct	I
Juneau Wastewater Improvements/Mendenhall ABF	AK-0022951	Design & Construct	I
Juneau WW Hospital Drive Lift Station Replacement	AK-0022951	Design & Construct	IIIB
Juneau WW J-D Plant Improvements	AK-0023213	Design & Construct	I
Ketchikan Wastewater Collection System Improvements	AK-002144	Design & Construct	IIIB
King Cove Sewer System Upgrade	AK-0044334	Design & Construct	III(b)
Nome Sewer Improvements	AK-00262759	Design & Construct	III(b)
North Pole Badger-Morning Star Area Sewer System	AK-0021393	Design & Construct	III(b)
North Pole Baker/North Star Sewer Collection	AK-0021393	Design & Construct	III(b)
North Pole WWTP Sludge Project	AK-0021393	Design & Construct	I
Palmer Sludge Management Project	AK-002249-7	Design & Construct	I
Palmer Southwest Sanitary Sewer Interceptor	AK-002249-7	Design & Construct	II
Sand Point Sewer Vactor Truck	N/A		
Seward Airport Sewer Extension	AK-002189-0	Design & Construct	III
Seward Forest Acres Sewer Extension	AK-002189-0	Design & Construct	III
Soldotna Funny River Road Sewer Mainline Extension	AK-0020036	Design & Construct	IV(a)
Soldotna Kalifornsky Beach Road Sewer Mainline Extension	AK-0020036	Design & Construct	IV(a)
Soldotna Riverside Drive Sewer Main	AK-0020036	Design & Construct	IV(a)
Soldotna Utilities Comprehensive Master Plan - Wastewater	AK-0020036	Planning	III(a)
Wasilla Sewer Improvements, Phase II	N/A		
Valdez Alpine Woods Subdivision Sewer Improvements	AK-0021431	Design & Construct	IV(a)
Valdez GIS Mapping/Service Locations	AK-0021431	Planning	IV(a)
Valdez Ocean Outfall	AK-0021431	Design & Construct	IV(a)

APPENDIX Xa

ALASKA CLEAN WATER FUND

**Estimated Disbursement Schedule
for Point Source Projects**

Appendix Xa

ALASKA CLEAN WATER FUND
Estimated Disbursement Schedule

			FFY04	FFY04	FFY04	FFY04	FFY05	FFY05	FFY05	FFY05
			1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
ADEC	Administrative Costs	\$ 472,500	\$ 23,625	\$ 47,250	\$ 70,875	\$ 94,500	\$ 23,625	\$ 47,250	\$ 70,875	\$ 94,500
Anchorage	Pump Station 2 Upgrade (Chester Creek)	\$ 1,000,000	\$ 50,000	\$ 100,000	\$ 150,000	\$ 200,000	\$ 50,000	\$ 100,000	\$ 150,000	\$ 200,000
Anchorage	Pump Station 10 Upgrade	\$ 1,000,000	\$ 50,000	\$ 100,000	\$ 150,000	\$ 200,000	\$ 50,000	\$ 100,000	\$ 150,000	\$ 200,000
Cordova	Wastewater Treatment Plant Upgrade Project, Phase I	\$ 500,000	\$ 25,000	\$ 50,000	\$ 75,000	\$ 100,000	\$ 25,000	\$ 50,000	\$ 75,000	\$ 100,000
Anchorage	C-5-7 Sewer Improvements	\$ 1,000,000	\$ 50,000	\$ 100,000	\$ 150,000	\$ 200,000	\$ 50,000	\$ 100,000	\$ 150,000	\$ 200,000
Valdez	Ocean Outfall	\$ 1,818,000	\$ 90,900	\$ 181,800	\$ 272,700	\$ 363,600	\$ 90,900	\$ 181,800	\$ 272,700	\$ 363,600
Wasilla	Sewer Improvements, Phase II	\$ 405,000	\$ 20,250	\$ 40,500	\$ 60,750	\$ 81,000	\$ 20,250	\$ 40,500	\$ 60,750	\$ 81,000
Nome	Sewer Improvements, Phase II	\$ 1,000,000	\$ 50,000	\$ 100,000	\$ 150,000	\$ 200,000	\$ 50,000	\$ 100,000	\$ 150,000	\$ 200,000
North Pole	Baker/North Star Sewer Collection	\$ 1,500,000		\$ 150,000	\$ 225,000	\$ 300,000	\$ 75,000	\$ 150,000	\$ 225,000	\$ 300,000
Seward	Airport Sewer System	\$ 450,000		\$ 45,000	\$ 67,500	\$ 90,000	\$ 22,500	\$ 45,000	\$ 67,500	\$ 90,000
Seward	Forest Acres Sewer Extension	\$ 190,000		\$ 19,000	\$ 28,500	\$ 38,000	\$ 9,500	\$ 19,000	\$ 28,500	\$ 38,000
North Pole	Badger-Morning Star Area Sewer System	\$ 732,900		\$ 73,290	\$ 109,935	\$ 146,580	\$ 36,645	\$ 73,290	\$ 109,935	\$ 146,580
Achorage	SCADA - Sewer	\$ 4,000,000		\$ 400,000	\$ 600,000	\$ 800,000	\$ 200,000	\$ 400,000	\$ 600,000	\$ 800,000
Sand Point	Sewer Vactor Truck	\$ 180,000			\$ 27,000	\$ 36,000	\$ 9,000	\$ 18,000	\$ 27,000	\$ 36,000
Palmer	Southwest Sanitary Sewer Interceptor	\$ 2,160,000			\$ 324,000	\$ 432,000	\$ 108,000	\$ 216,000	\$ 324,000	\$ 432,000
Soldotna	Kalifornsky Beach Road Sewer	\$ 210,350			\$ 31,553	\$ 42,070	\$ 10,518	\$ 21,035	\$ 31,553	\$ 42,070
Juneau	Bayview Subdivision Sewer System Improvements	\$ 450,000			\$ 67,500	\$ 90,000	\$ 22,500	\$ 45,000	\$ 67,500	\$ 90,000
Juneau	WW Hospital Drive Lift Station Replacement	\$ 500,000			\$ 75,000	\$ 100,000	\$ 25,000	\$ 50,000	\$ 75,000	\$ 100,000
Ketchikan	Wastewater Collection System Improvements	\$ 5,500,000			\$ 825,000	\$ 1,100,000	\$ 275,000	\$ 550,000	\$ 825,000	\$ 1,100,000
Anchorage	Old Glenn Highway interceptor	\$ 1,000,000			\$ 150,000	\$ 200,000	\$ 50,000	\$ 100,000	\$ 150,000	\$ 200,000
Juneau	Eaglecrest On-Site Sewer System Improvements	\$ 100,000			\$ 15,000	\$ 20,000	\$ 5,000	\$ 10,000	\$ 15,000	\$ 20,000
Juneau	North Douglas Sewer Expansion, Phase II	\$ 605,000			\$ 90,750	\$ 121,000	\$ 30,250	\$ 60,500	\$ 90,750	\$ 121,000
Anchorage	Asplund WWTF Process Improvements	\$ 4,200,000			\$ 630,000	\$ 840,000	\$ 210,000	\$ 420,000	\$ 630,000	\$ 840,000
Anchorage	Wyoming and Lois @ 36th Sewer	\$ 175,000			\$ 26,250	\$ 35,000	\$ 8,750	\$ 17,500	\$ 26,250	\$ 35,000
Anchorage	Oregon and Lois @ 36th Sewer	\$ 175,000			\$ 26,250	\$ 35,000	\$ 8,750	\$ 17,500	\$ 26,250	\$ 35,000
Cordova	Wastewater Treatment Plant Upgrade Project, Phase II	\$ 840,000				\$ 168,000	\$ 42,000	\$ 84,000	\$ 126,000	\$ 168,000
King Cove	Community Sewer Upgrade	\$ 100,000				\$ 20,000	\$ 5,000	\$ 10,000	\$ 15,000	\$ 20,000
Cordova	Wastewater Treatment Plant Upgrade	\$ 805,860						\$ 80,586	\$ 120,879	\$ 161,172
Anchorage	C-2 (A, B) Sewer Improvements	\$ 300,000						\$ 30,000	\$ 45,000	\$ 60,000

APPENDIX Xb

ALASKA CLEAN WATER FUND

**Estimated Disbursement Schedule
for NonPoint Source Projects**

Appendix Xb

**ALASKA CLEAN WATER FUND
Estimated Disbursement Schedule for NonPoint Projects**

			FFY04	FFY04	FFY04	FFY04	FFY05	FFY05	FFY05	FFY05
			1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Wasilla	Storm Water Pumping	\$ 271,485	\$ 13,574	\$ 27,149	\$ 40,723	\$ 54,297	\$ 13,574	\$ 27,149	\$ 40,723	\$ 54,297
Wasilla	Vactor Truck (Storm Water)	\$ 250,000	\$ 12,500	\$ 25,000	\$ 37,500	\$ 50,000	\$ 12,500	\$ 25,000	\$ 37,500	\$ 50,000
Sitka	Swan Lake Watershed Recovery	\$ 30,000	\$ 1,500	\$ 3,000	\$ 4,500	\$ 6,000	\$ 1,500	\$ 3,000	\$ 4,500	\$ 6,000
Wrangell	Solid Waste Improvements	\$ 854,000	\$ 42,700	\$ 85,400	\$ 128,100	\$ 170,800	\$ 42,700	\$ 85,400	\$ 128,100	\$ 170,800
Anchorage	Design of Landfill Cell, Leachate Collection	\$ 525,000		\$ 52,500	\$ 78,750	\$ 105,000	\$ 26,250	\$ 52,500	\$ 78,750	\$ 105,000
Anchorage	Cell 7 Landfill Construction	\$ 5,704,515		\$ 570,452	\$ 855,677	\$ 1,140,903	\$ 285,226	\$ 570,452	\$ 855,677	\$ 1,140,903
Kenai	Maintenance Shop Groundwater Remediation	\$ 1,000,000			\$ 150,000	\$ 200,000	\$ 50,000	\$ 100,000	\$ 150,000	\$ 200,000
King Cove	Landfill Closure (traditional)	\$ 100,000			\$ 15,000	\$ 20,000	\$ 5,000	\$ 10,000	\$ 15,000	\$ 20,000
Valdez	Small Boat Harbor Bilgewater/Waste Oil	\$ 165,000			\$ 24,750	\$ 33,000	\$ 8,250	\$ 16,500	\$ 24,750	\$ 33,000

APPENDIX XI

ALASKA CLEAN WATER FUND

Federal “Cross-Cutting” Authorities

Appendix XI

ALASKA CLEAN WATER FUND

List of Federal “Cross-Cutting” Authorities

Archeological and Historic Preservation Act of 1974, PL 93-291
Clean Air Act, 42 U.S.C. 7506(c)
Clean Water Act, PL 92-500, as amended
Coastal Barrier Resource Act, 16 U.S.C. 3501 et seq.
Coastal Zone Management Act of 1972, PL 92-583, as amended
Endangered Species Act, 16 U.S.C. 1531 et seq.
Protection and Enhancement of the Cultural Environment Executive Order 11593
Floodplain Management, Executive Order 11988
Farmland Protection Policy Act, 7 U.S.C. 4201 et seq.
Fish and Wildlife Preservation Act of 1966, PL 890665, as amended
Wild and Scenic Rivers Act, PL 90-542, as amended
Historic Sites Act of 1935, 16 U.S.C. 461-467
Demonstration Cities and Metropolitan Development Act of 1966, PL 89-754, as amended
Executive Order 11738
Age Discrimination Act, PL 94-135
Civil Rights Act of 1964, PL 88-352
Prohibition Against Sex Discrimination Under the Federal Water
Pollution Control Act, Section 13 of PL 92-500
Equal Employment Opportunity, Executive Order 11246
Women’s and Minority Business Enterprise, Executive Order 11625
Women’s and Minority Business Enterprise, Executive Order 12138
Women’s and Minority Business Enterprise, Executive Order 12432
Rehabilitation Act of 1973, Executive Order 11914
Rehabilitation Act of 1973, Executive Order 11240
Uniform Relocation and Real Property Acquisition Policies Act of 1970, PL 91-646
Debarment and Suspension, Executive Order 12549
Safe Drinking Water Act, Section 1424(e), PL 92-523, as amended
Wetlands, Executive Order 11990
Environmental Justice, Executive Order 12898
Small Businesses in Rural Areas, PL 100-590
Drug Free Workplace, PL 100-690
Anti-lobbying, PL 101-121